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(21) International Application Number: PCT/CA99/01097 (22) International Filing Date: 22 November 1999 (22.11.99) (30) Priority Data: 2,254,315 20 November 1998 (20.11.98) CA (71) Applicant (for all designated States except US): BAYER INC. [CA/CA]; P.O. Box 3001, 1265 Vidal Street South, Sarnia, Ontario N7T 7M2 (CA). (72) Inventor; and (75) Inventor/Applicant (for US only): KOSKI, Ahti, August [CA/CA]; 1876 Bridgen Road, R.R. #1, Wilkesport, Ontario N0P 2R0 (CA). (74) Agents: NASSIF, Omar, A. et al.; Gowling, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>

(54) Title: PROCESS FOR TREATING PARTICLES, AND THEIR USE IN DISPERSIONS**(57) Abstract**

Particles are hydrophobicized by *in situ* formation of a moiety containing amino and silane groups. The invention is particularly useful for treating hydrophilic inorganic particles to provide the functionality of a coupling agent without the need to react the hydrophilic inorganic particles with a coupling agent, *per se*. The treated particles can be used, for example, as a compounding agent for polymers.

